



Bristol LABORATORIES INC.

SYRACUSE · NEW YORK

November 23, 1956

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison, Wisconsin

Dear Josh:

I have located a Voicewriter at Bristol Laboratories which is not being used extensively and am having it forwarded to your home. There was also a supply of unused records with it and these are being sent. Consider this an indefinite loan since this means we do not have to go through upper brass and red tape to OK the transfer.

I am very much interested in your follow-through work on the cell wall problem. Thus far we have tested the α, α' -dihydroxysulfonic acid analog of DAP but did not obtain inhibition of Gram-positive or Gram-negative bacteria at high levels. This material itself is an intermediate in the synthesis of the diaminosulfonic acid analog and is quite unstable so I really did not expect results from it. Dr. Lee Cheney, our organic chemist, has informed me that the diamino analog is now available and I shall get it tested this week. If it does prove to be inhibitory, you probably will be interested in checking it for formation of protoplasts.

In relation to the high penicillin effect that you are investigating, I am having shipped to you 500 mg. of a highly purified sample of penicillin. It has been recrystallized and serves as a standard for penicillin assays. It assays 1667 u/mg.

Starting January 1, 1957 we will be increasing your monthly stipend to \$125 per month with no further obligation on your part. We appreciate very much your close cooperation with us.

Sincerely yours,

BRISTOL LABORATORIES INC.

Joseph Lein, Director
Microbiological Research

JL:jlh